

POS12\_Input.sch

POS3P3\_Pow8

Microcontroller Programming

Microcontroller\_Programming.sch

Microcontroller.sch

Microcontroller Bypass

Power Button

Power\_Button.sch

PGOOD\_LEDs.sch

Status LEDs

Status\_LEDs.sch

Calendar LEDs 1

Calendar\_LEDs\_1.sch

Calendar LEDs 2

Calendar\_LEDs\_2.sch

Binary Clock LEDs

Binary\_Clock\_LEDs.sch

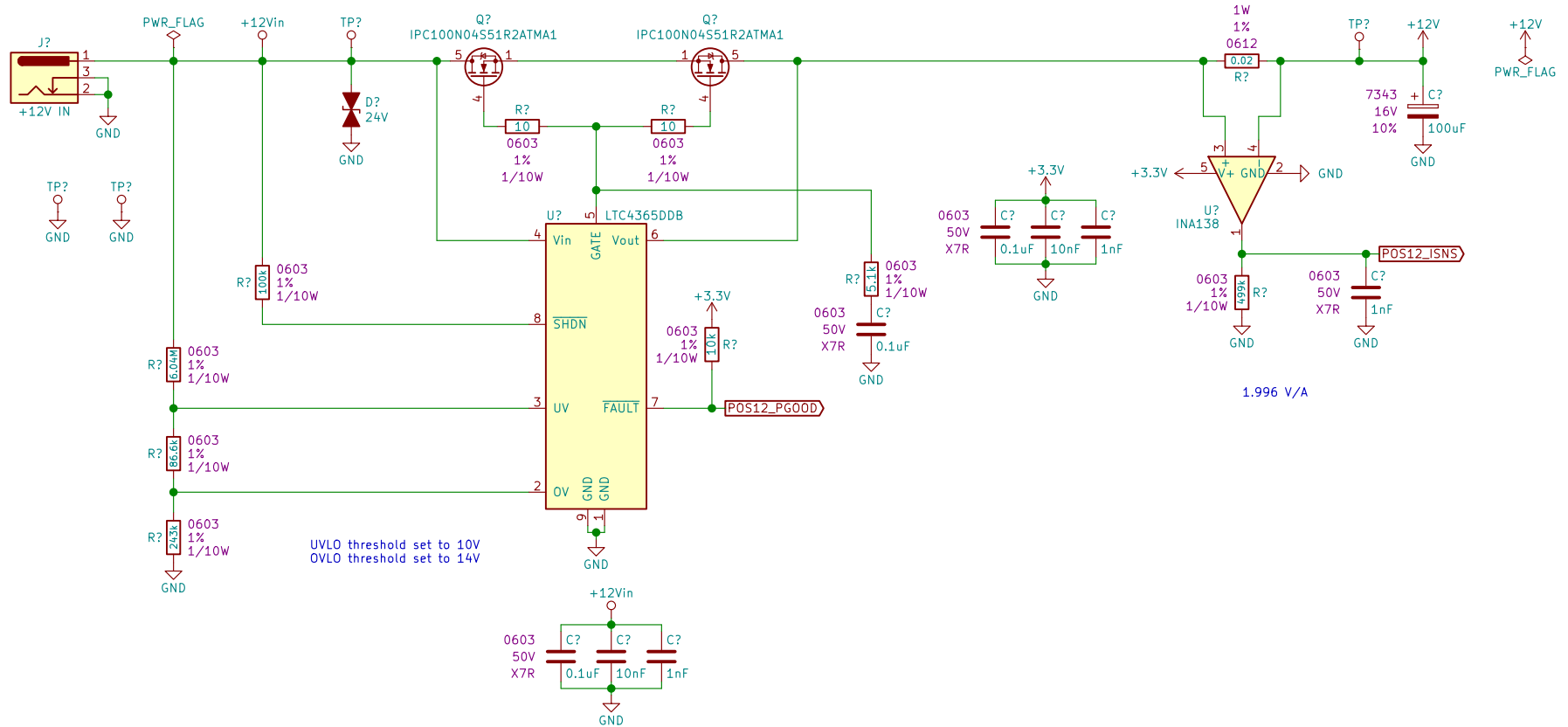
P053P3\_BCKP\_Power\_Supply.sch

**Title:**

Rev:

Id: 1/13

## 02. +12V Input



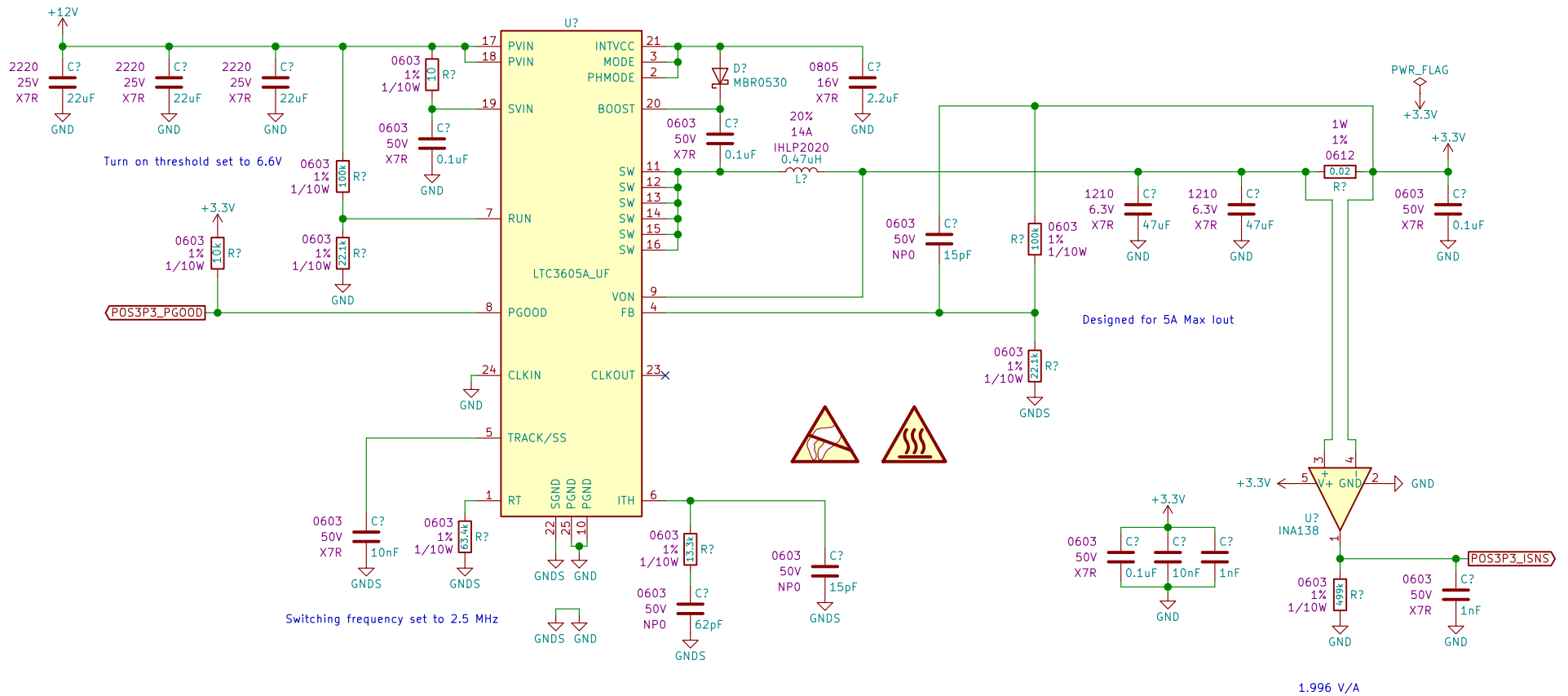
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KiCad E.D.A. kicad (5.1.0)-1

**Rev: A**  
Id: 2/13

### 03. +3.3V Power Supply



Marquette University Senior Design 2018/2019 Group E44

Sheet: /+3.3V Power Supply/  
File: POS3P3\_Power\_Supply.sch

**Title: Electronic Display Logic Board**

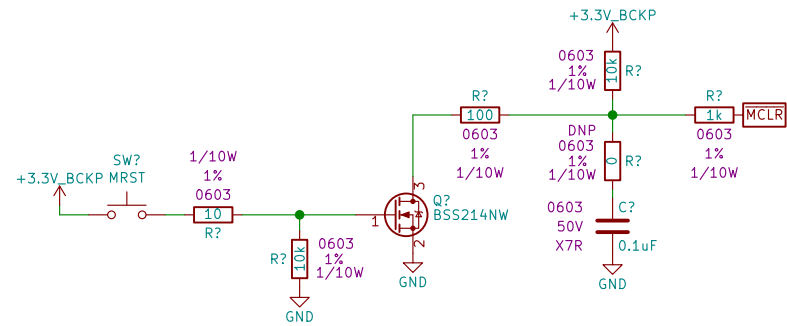
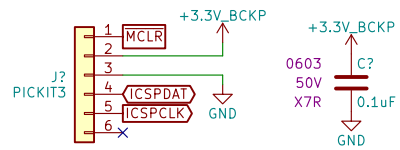
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Rev: A

Id: 3/13

## Microcontroller Programming



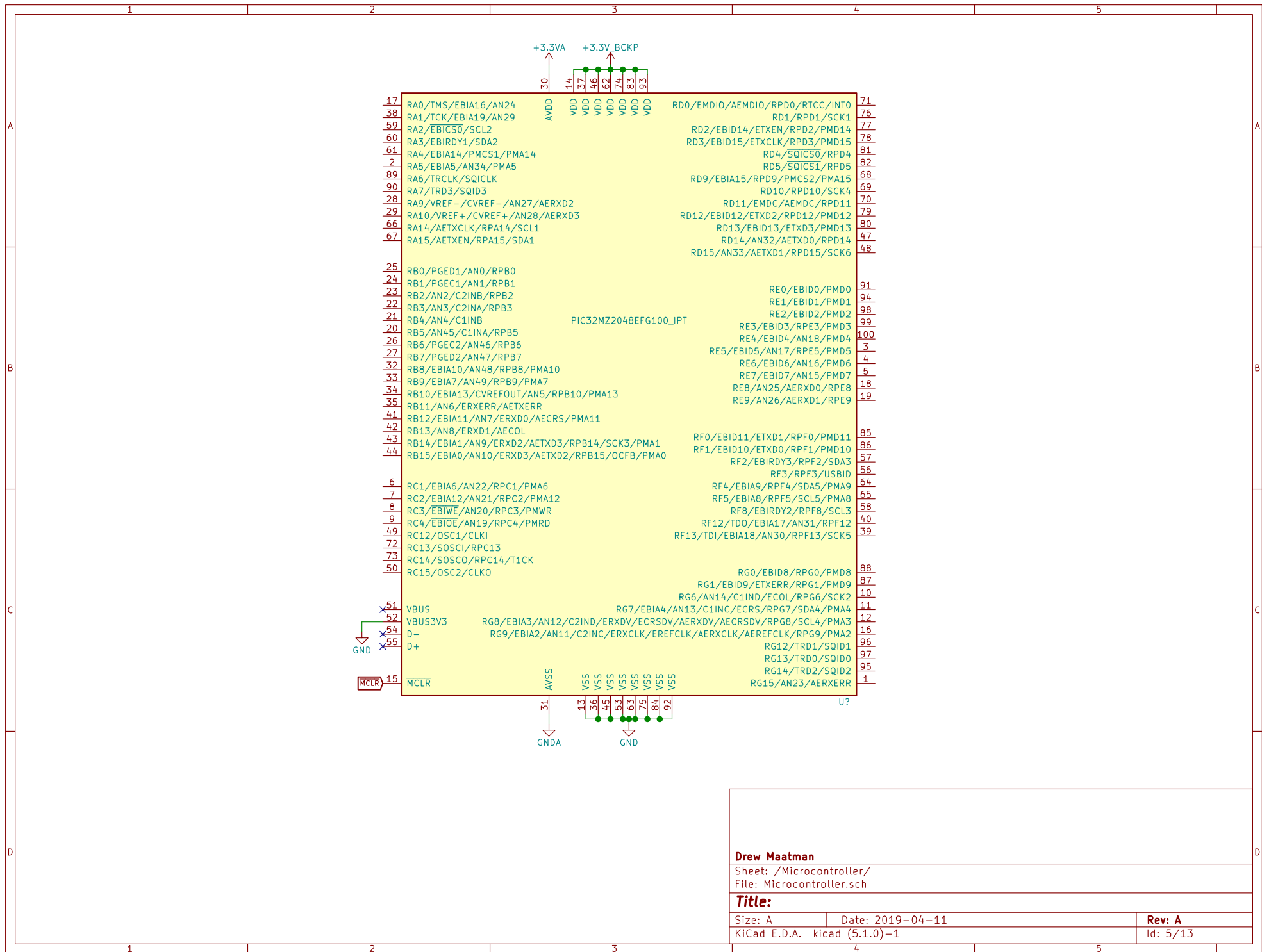
Drew Maatman

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Rev: A  
Id: 4/13



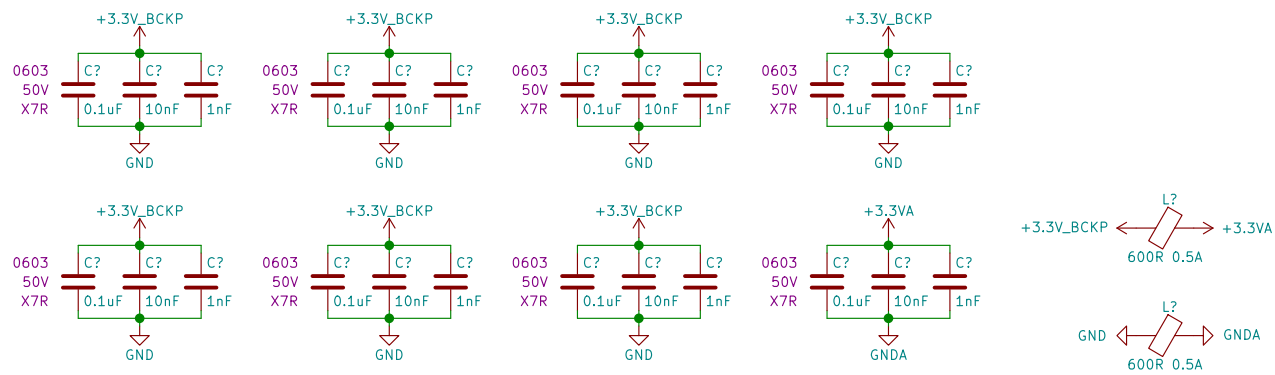
Drew Maatman

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KiCad E.D.A. kicad (5.1.0)-1

Rev: A  
Id: 5/13



Sheet: /Microcontroller Bypass/  
File: Microcontroller\_Bypass.sch

**Title:**

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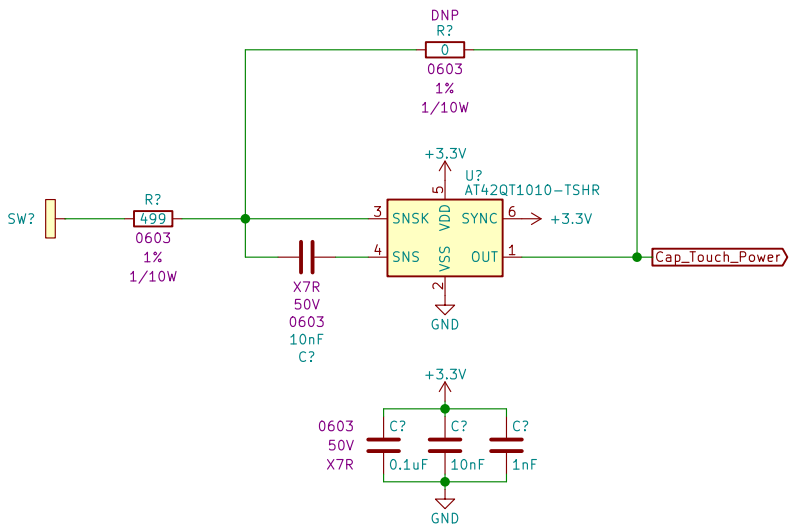
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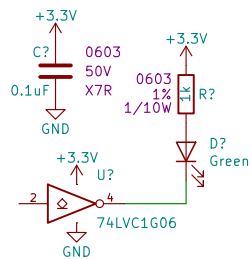
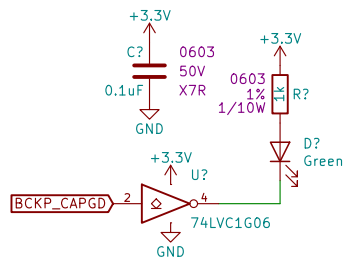
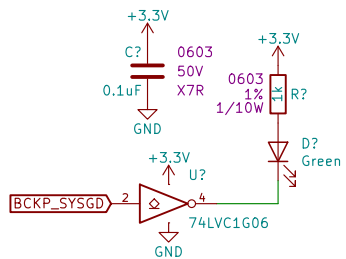
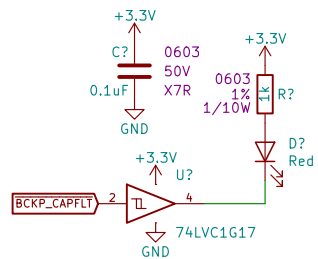
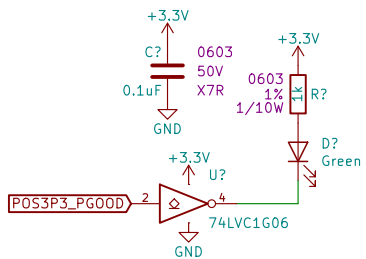
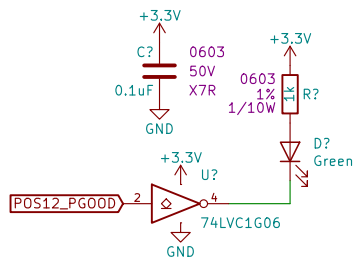
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**Rev:**

Id: 6/13

08. Capacitive Touch Sensors





Sheet: /PGOOD LEDs/  
File: PGOOD\_LEDS.sch

**Title:**

Size: A

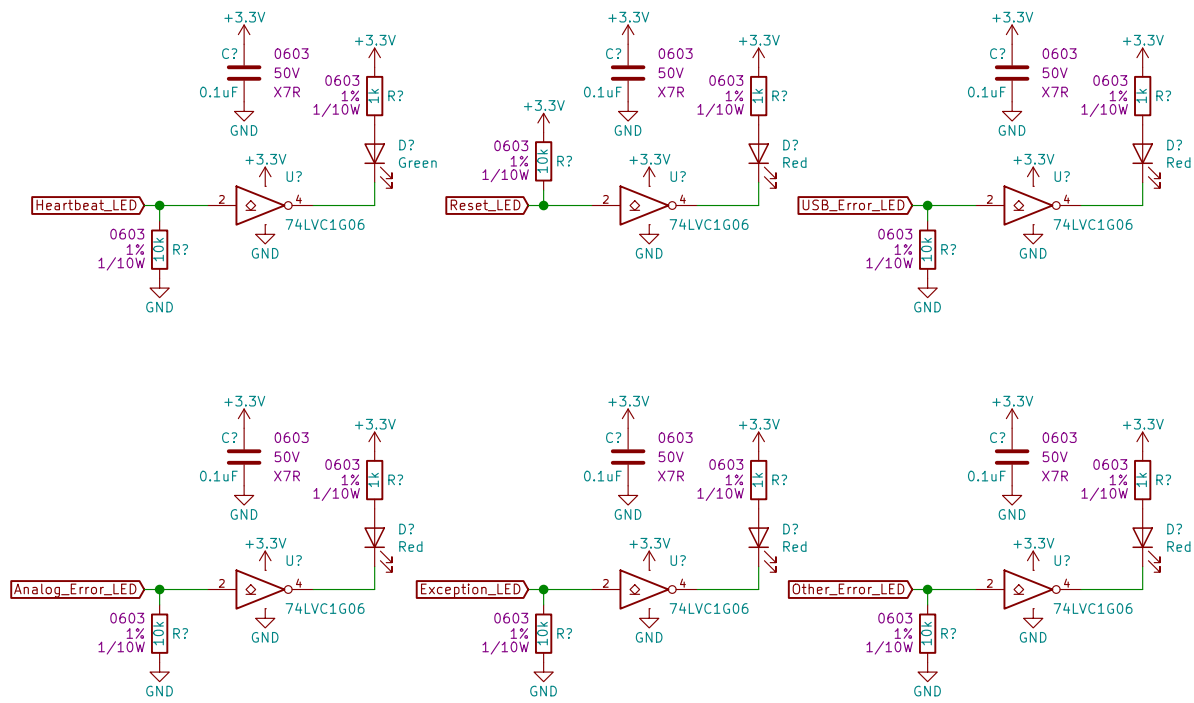
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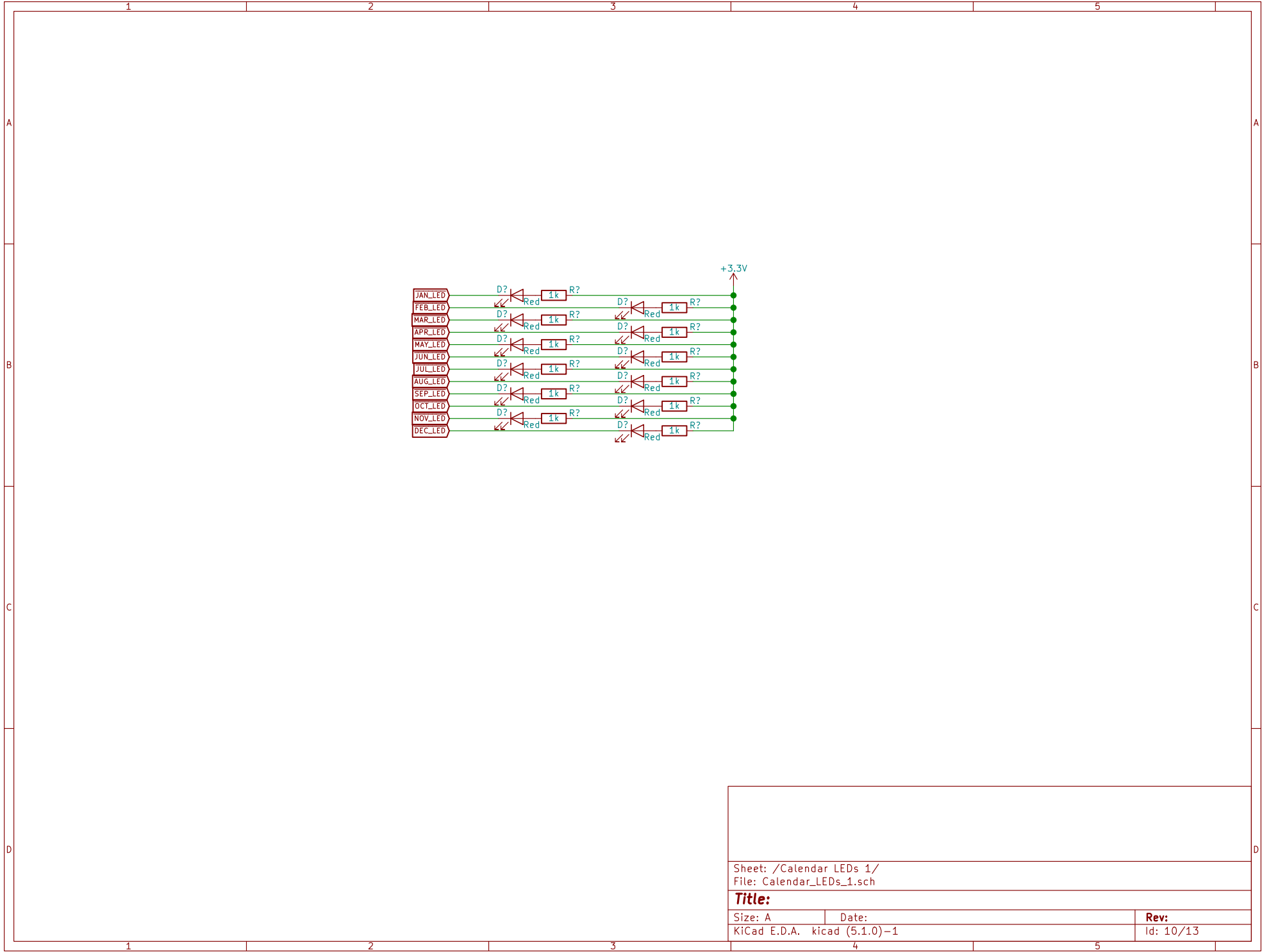
KiCad E.D.A. kicad (5.1.0)-1

**Rev:**

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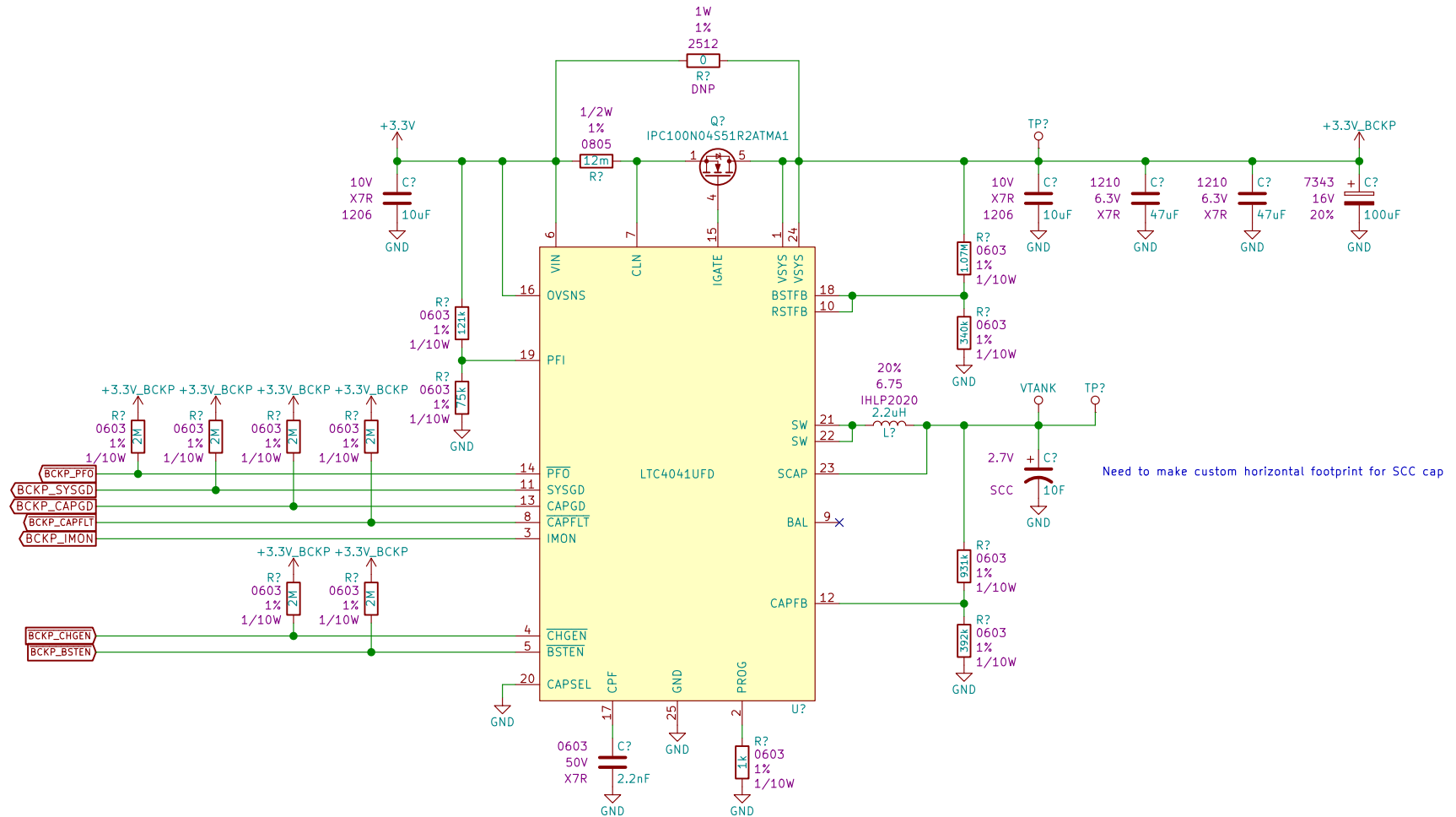






Sheet: /Calendar LEDs 1/ File: Calendar_LEDs_1.sch		
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Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.0)-1		Id: 10/13

# Supercap Backup Circuit



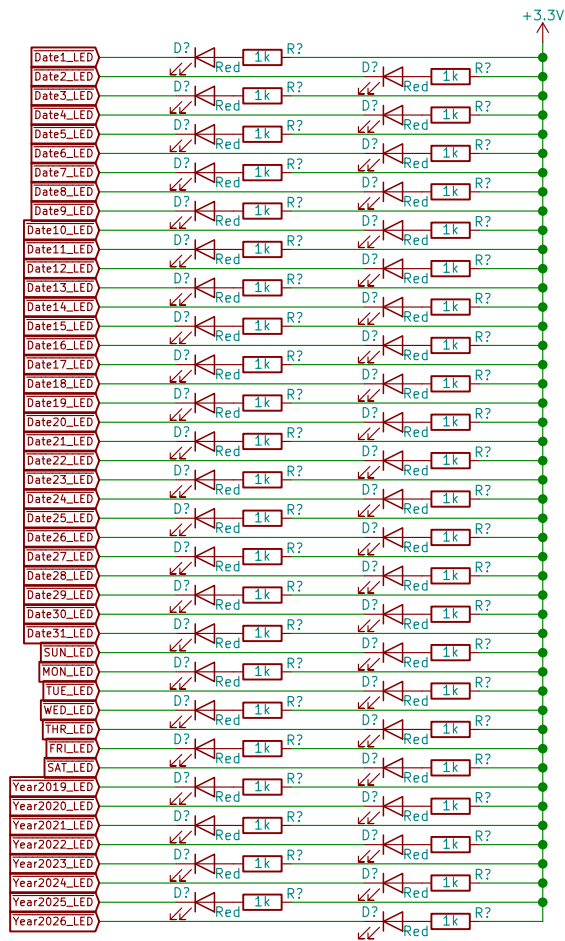
Drew Maatman

Sheet: /+3.3V BCKP Power Supply/  
File: POS3P3\_BCKP\_Power\_Supply.sch

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Size: A Date: 2019-04-11  
KiCad E.D.A. kicad (5.1.0)-1

Rev: A  
Id: 11/13



Sheet: /Calendar LEDs 2/  
File: Calendar\_LEDs\_2.sch

**Title:**

Size: A

Date:

KiCad E.D.A. kicad (5.1.0)-1

**Rev:**

Id: 12/13

